

**VIRGINIA WING CIVIL AIR PATROL
FIXED STATION SUPPLEMENTAL INFORMATION FORM**

Use the Antenna Arrangements shown below to answer items 1 thru 7

Antenna Arrangements (Not to scale)

FIGURE 1
Ground Mounted

FIGURE 2
Mounted on a Building
or Similar Structure

FIGURE 3
Mounted on an Existing
Antenna Structure

1. Which one of the above antenna arrangements is most similar to the proposed antenna system?

☐

Figure 1

☐

Figure 2

☐

Figure 3

☐

Other (Draw a separate diagram on the back of this page showing all pertinent heights in feet of your antenna system.

2. Give the overall height above ground to the tip of your tallest antenna (a) _____ FEET

3. Give the ground level elevation above Mean Sea Level at the antenna site (d) _____ FEET

4. Give the height of the tip of your tallest antenna above Mean Sea Level (a plus d) _____ FEET

5. If the antenna is mounted on another structure such as shown in Figure 2, answer items 5a & 5b:

5a. Give the overall height above ground of the highest point of the structure (b) _____ FEET

5b. Give the overall height above the structure to the tip of your tallest antenna (a minus b) _____ FEET

6. If the antenna is mounted on another antenna structure as shown in Figure 3, give the overall height of the uppermost point of the antenna structure (c) _____ FEET

7. If you will be installing you antenna as shown in Figure 3, answer Items 7a, 7b and 7c

7a. Name of Current Licensee: _____

7b. Current Licensee's Radio Service: _____

7c. Current Licensee's Call Sign: _____

NAME OF NEAREST
AIRCRAFT LANDING AREA

DISTANCE TO
LANDING AREA

DIRECTION TO
LANDING AREA

To find the North Latitude, West Longitude, and Site Elevation, use a 7.5 minute USGS Topographic Quadrangle Map. YOU MUST DETERMINE YOUR NORTH LATITUDE AND WEST LONGITUDE TO THE NEAREST SECOND.

NORTH LATITUDE

Degrees: _____

Minutes: _____

Seconds: _____

WEST LONGITUDE

Degrees: _____

Minutes: _____

Seconds: _____

Submit one signed original of this form for each fixed station.

VA Form 21, 1 MAY 98. Superseded VA Form 100-3, 15 MAY 90. Previous Editions are Obsolete and Will Not Be Used.